

National Aeronautics and Space Administration

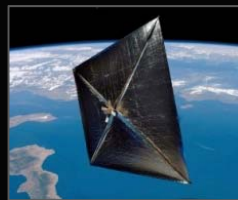


Marshall Technology Exposition

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Applied Technologies for Exploration
Dr. Dale Thomas

marshall



Applied Technologies for Exploration: Agenda

- **Opening Comments**

- Dr. Dale Thomas, Associate Director—Technical, NASA MSFC

- **Panelists' Comments**

- Dr. Jessica Gaskin, Research Astrophysicist, MSFC
- Reginald Alexander, Advanced Concepts Office, MSFC
- Dr. Lisa Watson-Morgan, Chief Engineer, MSFC
- Dr. Fred Bickley, Spacecraft/Payload Integration and Evolution Office, Space Launch System Program Office, MSFC

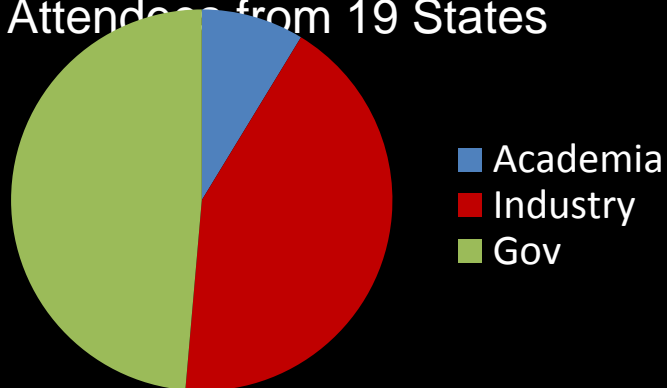
- **Q & A**

Rocket Propulsion Additive Manufacturing (AM) Technology Interchange Meeting (TIM) – Sept. 3-5, 2014

- JANNAF Liquid Propulsion Subcommittee (LPS) Advanced Materials Panel hosted an Additive Manufacturing TIM at the Jackson Center in Huntsville, AL
 - Focus was on Additive Manufacturing for Rocket Propulsion
 - Understanding state-of-the-art Additive Manufacturing for fabricating parts for rocket propulsion applications - where are we today
 - *Understanding what is required to take AM parts to flight*
 - Organizations brought hardware for display



- 284 Attendees from 19 States



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Opportunities with Marshall

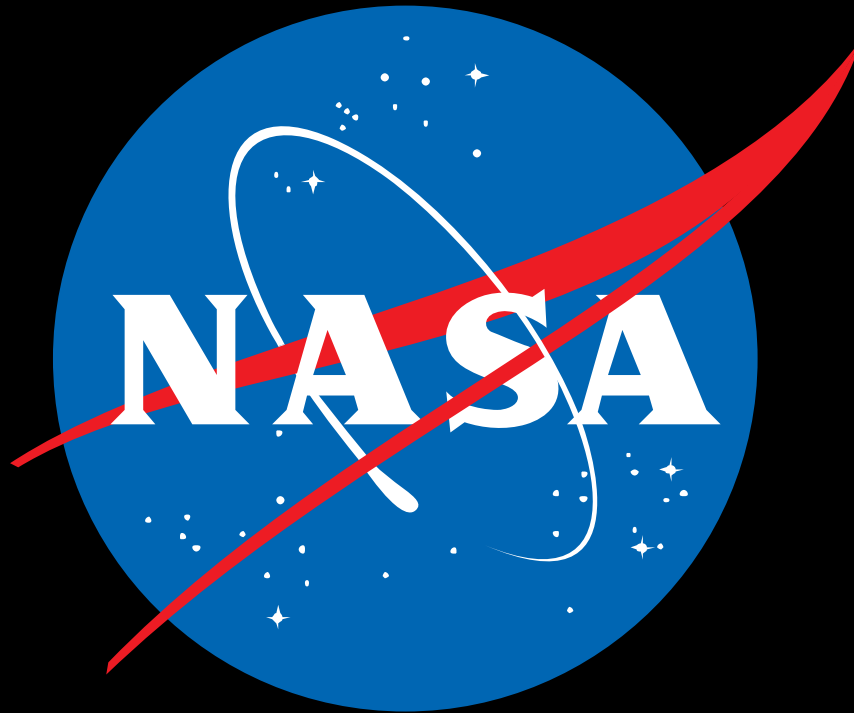
- Visit the Exhibit Hall
- Technology Partnership Opportunities Panel at 3:15 pm



Panel: Applied Technologies for Exploration

- Dr. Jessica Gaskin, Research Astrophysicist, MSFC
- Reginald Alexander, Advanced Concepts Office, MSFC
- Dr. Lisa Watson-Morgan, Chief Engineer, MSFC
- Dr. Fred Bickley, Spacecraft/Payload Integration and Evolution Office, Space Launch System Program Office, MSFC

Questions / Discussion



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